(c) providing DNA monomers and ATP to the replisome, whereby the target region is reproduced, and further comprising the step of introducing a second D-loop by hybridizing the duplex DNA molecule with a second oligonucleotide primer which is substantially complementary to a second initiation site, said target region lying between the first and second initiation sites.

Cancel claims 2 and 3.

Please amend claims 4 and 5 to read as follows:

4. (amended) The method of claim 1, wherein the first oligonucleotide primer has a length of from 20 to 50 bases.

5. (amended) The method of claim 1, wherein the first oligonucleotide primer comprises a detectable label or capture moiety.

Cancel claim 6.

Please amend claims 7-10 to read as follows:

7. (amended) The method of claim 1, wherein the first and second oligonucleotide primers each have a length of from 20 to 50 bases.

8. (amended) The method of claim 1, wherein at least one of the oligonucleotide primers comprises a detectable label or capture moiety.

9. (amended) The method of claim 1, wherein the replication is performed in a supporting matrix.

10. (amended) The method of claim 1, wherein the replisome is assembled via the action of primosomal proteins, single-stranded DNA-binding protein and the DNA polymerase III holoenzyme.

Claim 11 is unchanged and reads as follows: